

Claims

- [c1] 1.A portable misting umbrella comprising:
- a portable umbrella having a reciprocating canopy with an inner and an outer surface, and a shank attached to said canopy at a central location on said inner surface thereof, said shank terminating in a handle and said canopy selectively reciprocating between a stored position adjacent said shank and an unfurled position;
 - a distribution tubing network attached to said inner surface of said canopy;
 - at least one spray nozzle attached to and in fluid communication with said distribution tubing network; and
 - a fluid supply tubing in fluid communication with said distribution tubing network.
- [c2] 2.The portable misting umbrella of Claim 1, and further comprising:
- a plurality of ribs pivotally attached to said shank and extending therefrom, each of said ribs individually attached to said canopy at an extended location from said shank;
 - a ring slidably received by said shank; and
 - a plurality of spreaders, each of said plurality of spreaders attached to a separate one of said plurality of ribs and extending to a location of attachment on said ring; and
- wherein said distribution tubing network is attached to at least one of said plurality of spreaders.
- [c3] 3.The portable misting umbrella of Claim 2, wherein said distribution tubing network is attached to multiple ones of said plurality of spreaders.
- [c4] 4.The portable misting umbrella of Claim 3, wherein a plurality of spray nozzles are individually attached to and in fluid communication with said distribution tubing network.
- [c5] 5.The portable misting umbrella of Claim 2, wherein said shank comprises a hardened tube that defines an interior aperture, said fluid supply tubing received within said interior aperture and extending therein a substantial length of said shank.

- [c6] 6.The portable misting umbrella of Claim 5, wherein a length of said fluid supply tubing extends from said handle, and further comprising a quick connect valve attached to said extending length of said fluid supply tubing at a terminus thereof.
- [c7] 7.The portable misting umbrella of Claim 6, and further comprising a supply of pressurized water releasably connected to said quick connect valve.
- [c8] 8.The portable misting umbrella of Claim 7, wherein said supply of pressurized water comprises a water container and a manual air pump in fluid communication with said water container, said water container including means for adding water thereto.
- [c9] 9.A misting umbrella, which comprises:
a canopy;
a shank attached to said canopy and extending therefrom and terminating in a handle;
a water distribution tubing network supported by both said shank and said canopy, said water distribution tubing network terminating in a plurality of spray nozzles directed in a manner that is substantially co-planar with said canopy when said canopy is in an unfurled configuration; and
a fine water mist filling said canopy upon a pressurized discharge of a quantity of water from each of said plurality of spray nozzles.
- [c10] 10.The misting umbrella of Claim 9, and further comprising:
a plurality of ribs pivotally attached to said shank and extending therefrom, each of said ribs individually attached to said canopy at an extended location from said shank;
a ring slidably received by said shank; and
a plurality of spreaders, each of said plurality of spreaders attached to a separate one of said plurality of ribs and extending to a location of attachment on said ring; and
wherein said water distribution tubing network is attached to at least one of said plurality of spreaders.

- [c11] 11.The portable misting umbrella of Claim 10, wherein said water distribution tubing network is attached to multiple ones of said plurality of spreaders.
- [c12] 12.The portable misting umbrella of Claim 10, wherein said shank comprises a hardened tube that defines an interior aperture, and further comprising a fluid supply tubing received within said interior aperture and extending therein a substantial length of said shank, said fluid supply tubing connected at a first end to said water distribution tubing network.
- [c13] 13.The portable misting umbrella of Claim 12, wherein a length of said fluid supply tubing extends from said handle, terminating at a second end, and further comprising a quick connect valve attached to said fluid supply tubing at said second end.
- [c14] 14.The portable misting umbrella of Claim 13, and further comprising a supply of pressurized water releasably connected to said quick connect valve.
- [c15] 15.The portable misting umbrella of Claim 14, wherein said supply of pressurized water comprises a water container and a manual air pump in fluid communication with said water container, said water container including means for adding water thereto.